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DEC 24 2002  
P A T E N T & T R A D E M A R K O F F I C E

Practitioner's Docket No. 7146.063

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Application No.: **09/539,918** Group No.: **2871**  
Filed: **03/31/00** Examiner: **James A. Dudek**  
For: **PROJECTION DISPLAY SYSTEMS FOR LIGHT VALVES**

Commissioner for Patents  
Washington, D.C. 20231

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TECHNOLOGY CENTER 2800

DECLARATION OF PRIOR INVENTION IN THE UNITED STATES  
OR IN A NAFTA OR WTO MEMBER COUNTRY  
TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. § 1.131)

NOTE: 37 C.F.R. § 1.131 *Affidavit or declaration of prior invention.*

(a) When any claim of an application or a patent under reexamination is rejected, the inventor of the subject matter of the rejected claim, the owner of the patent under reexamination, or the party qualified under §§ 1.42, 1.43, or 1.47, may submit an appropriate oath or declaration to establish invention of the subject matter of the rejected claim prior to the effective date of the reference or activity on which the rejection is based. The effective date of a U.S. patent, U.S. patent application publication, or international application publication under PCT Article 21(2) is the earlier of its publication date or date that it is effective as a reference under 35 U.S.C. 102(e). Prior invention may not be established under this section in any country other than the United States, a NAFTA country, or a WTO member country. Prior invention may not be established under this section before December 8, 1993, in a NAFTA country other than the United States, or before January 1, 1996, in a WTO member country other than a NAFTA country. Prior invention may not be established under this section if either:

- (1) The rejection is based upon a U.S. patent or U.S. patent application publication of a pending or patented application to another or others which claims the same patentable invention as defined in § 1.601(n); or  
(2) The rejection is based upon a statutory bar.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is *mandatory*;  
*Express Mail certification is optional.*)

I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

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facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Signature

Kevin L. Russell

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

**PURPOSE OF DECLARATION**

1. This declaration is to establish completion of the invention of this application in
- the United States \_\_\_\_\_  
 the NAFTA country \_\_\_\_\_ (name of country)  
 the WIPO country \_\_\_\_\_ (name of country)
- at a date prior to December 18, 1998, that is the effective date of the prior art
- publication \_\_\_\_\_  
 patent 6,183,091 \_\_\_\_\_  
 patent publication \_\_\_\_\_  
 other \_\_\_\_\_

that was cited by the

- examiner.  
 applicant.

*NOTE: 37 C.F.R. § 1.131 is not applicable to a rejection based on a U.S. patent that CLAIMS the rejected invention.*

2. The person making this declaration is (are):

- the inventor(s).  
 only some of the joint inventor(s)  
*(and a suitable excuse is attached for failure of the omitted joint inventor(s) to sign)*  
 the party in interest  
*(and a suitable explanation as why it is not possible to produce the declaration of the inventor(s) is attached)*

**FACTS AND DOCUMENTARY EVIDENCE**

*NOTE: "The showing of facts shall be such, in character and weight, as to establish reduction to practice prior to the effective date of the reference, or conception of the invention prior to the effective date of the reference coupled with due diligence from prior to said date to a subsequent reduction to practice or to the filing of the application. Original exhibits of drawings or records, or photocopies thereof, must accompany and form part of the affidavit or declaration or their absence satisfactorily explained." 37 C.F.R. § 1.131(b).*

3. To establish the date of completion of the invention of this application, the following attached documents and/or models are submitted as evidence:

*(check all applicable items below)*

- sketches  
 blueprints  
 photographs  
 reproduction(s) of notebook entries  
 model  
 supporting statement(s) by witness(es) (where verbal disclosures are the evidence relied upon)  
 interference testimony  
 disclosure documents

**NOTE:** While conception is the mental part of the inventive act, it must be capable of proof, such as by demonstrative evidence or by a complete disclosure to another. Conception is more than a vague idea of how to solve a problem. The requisite means themselves and their interaction must also be comprehended. See *Mergenthaler v. Scudder* 1897 C.D. 724, 81 O.G. 1417." See also M.P.E.P. § 715.07 and § 2138.04, 7th ed.

4. From these documents and/or models, it can be seen that the invention in this application was made

- on \_\_\_\_\_.
- at least by the date of Dec. 17, 1998 which is a date earlier than the effective date of the reference.

**NOTE:** "If the dates of the exhibits have been removed or blocked off, the matter of dates can be taken care of in the body of the oath or declaration." M.P.E.P. § 715.07, 8th ed.

**NOTE:** "[T]he dates in the oath or declaration may be the actual dates, or, if the applicant or patent owner does not desire to disclose his or her actual dates, he or she may merely allege that the acts referred to occurred prior to a specified date. However, the actual dates of acts relied on to establish diligence must be provided." M.P.E.P. § 715.07, 8th ed.

## DILIGENCE

**NOTE:** "Where there has not been reduction to practice prior to the date of the reference, the applicant or patent owner must also show diligence in the completion of his or her invention from a time just prior to the date of the reference continuously up to the date of the actual reduction to practice or up to the date of filing his or her application (filing constitutes a **constructive reduction to practice**, § 1.131)." M.P.E.P. § 715.07, 8th ed..

**NOTE:** "A conception of an invention, though evidenced by disclosure, drawings, and even a model, is not a complete invention under the patent laws, and confers no rights on an inventor, and has no effect on a subsequently granted patent to another, UNLESS HE OR SHE FOLLOWS IT WITH REASONABLE DILIGENCE BY SOME OTHER ACT, such as an actual reduction to practice or filing an application for a patent. *Automatic Weighing Mach. Co. v. Pneumatic Scale Corp., Limited* 1909 C.D. 498, 139 O.G. 991, M.P.E.P. § 715.07, 8th ed.

"Conception in the mental part of the inventive act, but it must be capable of proof, as by drawings, complete disclosure to another person, etc. In *Mergenthaler v. Scudder*, 1897 C.D. 724, 81 O.G. 1417, it was established that conception is more than a mere vague idea of how to solve a problem; the means themselves and their interaction must be comprehended also." M.P.E.P. § 715.07, 8th ed.

**NOTE:** "[O]nly diligence before reduction to practice is a material consideration. The 'lapse of time between the completion or reduction to practice of an invention and the filing of an application thereon' is not relevant to an affidavit or declaration under 37 CFR 1.131. See *Ex parte Merz*, 75 USPQ 296 (Bd. App. 1947)." MPEP § 715.07(a), 8th ed.

5. Attached is a statement establishing the diligence of the applicants, from the time of their conception, to a time just prior to the date of the reference, up to the:

- actual reduction to practice.
- filing of this application.

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 3 of 5)

**TIME OF PRESENTATION OF THE DECLARATION**

(complete (a), (b) or (c))

- (a)  This declaration is submitted prior to final rejection.
- (b)  This declaration is submitted with the first response after final rejection, and is for the purpose of overcoming a new ground of rejection or requirement made in the final rejection.
- (c)  This declaration is submitted after final rejection. A showing under 37 C.F.R. § 1.116(b) is submitted herewith.

**DECLARATION****6. As a person signing below:**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)****7. (complete A or B below)****A. Inventor(s)**Full name of **sole or first inventor** \_\_\_\_\_**Inventor's signature** \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_  
\_\_\_\_\_Full name of **second joint inventor, if any** \_\_\_\_\_**Inventor's signature** \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

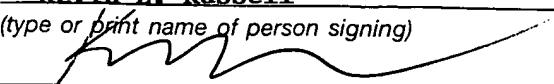
(use added page for signature by additional inventors)

Number of pages added: \_\_\_\_\_

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome  
Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 4 of 5)

**B. Assignee**Kevin L. Russell

(type or print name of person signing)

SignatureDecember 19, 2002

Date

P.O. Address

SHARP LABORATORIES OF AMERICA, INC.

(type name of assignee)

5750 NW Pacific Rim Boulevard

Address of assignee

Camas, WA 98607Attorney of RecordTitle of person authorized to sign  
on behalf of assigneeAssignment recorded in PTO on July 31, 2000Reel 010964 Frame 0611

A "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" is attached.

(Declaration of Prior Invention in the United States or in a NAFTA or WTO Member Country to Overcome  
Cited Patent or Publication—37 C.F.R. § 1.131 [9-32]—page 5 of 5)